

# MOTION SENSOR FOR USE WITH A BICYCLE SPROCKET ASSEMBLY

## ABSTRACT OF THE DISCLOSURE

5

A sensor retainer for a bicycle sprocket assembly includes an annular member for mounting and rotating coaxially with the bicycle sprocket assembly and a sensor element fixed to the annular member. Alternatively, the sensor retainer may include a fixing member for mounting a derailleur or other transmission to a bicycle frame and a sensor element

10 mounted to the fixing member.